S&H Form: PTO/SB/05 (2/01)

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Dock 1293.1197/MDS/JGM

First Named Inventor or Application Identifier:

Byung-in MA, et al.

Express Mail Label No.

APPLICATION ELEMENTS	ADDRESS TO:
MPEP chapter 600 concerning utility patent application contents.	Assistant Commissioner for Patents Box Patent Application · Washington, DC 20231

1. [X] Fee Transmittal Form

2. [X] Specification, Claims & Abstract ..... [Total Pages: _27_]

3. [X] Drawing(s) *(35 USC 113)* .... [Total Sheets: _9_] [FIGS. _1-15_]

4. [ ] Oath or Declaration .... [Total Pages: __]
    a. [ ] Newly executed (original or copy)
    b. [ ] Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional with Box 17 completed)*
        i. [ ] DELETION OF INVENTOR(S)
        Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

5. [ ] verified Statement Claiming Small Entity Status

6. [ ] Applicant Data Sheet. See 37 C.F.R. 1.76

7. [ ] CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)

8. [ ] Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
    a. [ ] Computer Readable Form (CRF)
    b. [ ] Specification Sequence Listing on:
        i. [ ] CD-ROM or CD-R (2 copies); or
        II. [ ] paper
    c. [ ] Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. [ ] Assignment Papers (cover sheet & document(s))

10. [ ] 37 CFR 3.73(b) Statement *(when there is an assignee)*   [ ] Power of Attorney

11. [ ] English Translation Document *(if applicable)*

12. [ ] Information Disclosure Statement (IDS)/PTO-1449   [ ] Copies of IDS Citations

13. [ ] Preliminary Amendment

14. [X] Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*

15. [X] Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. [ ] Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent

17. [ ] Other:

18. CORRESPONDENCE ADDRESS

21171

PATENT TRADEMARK OFFICE

Staas & Halsey LLP

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NEW APPLICATION FEE TRANSMITTAL

Attorney Docket No.	293.1197/MDS/JGM
Application Number	To be Assigned
Filing Date	March 22, 2001

AMOUNT ENCLOSED	$0.00	First Named Inventor	Byung-in MA, et al.

FEE CALCULATION (fees effective 10/01/00)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	39 - 20 =	19	X $ 18.00 =	$ 342.00
	INDEPENDENT CLAIMS	5 - 3 =	2	X $ 80.00 =	160.00
	MULTIPLE DEPENDENT CLAIMS (any number; if applicable)			+ $270.00 =	
			BASIC FILING FEE		710.00
			Total of above Calculations =		$ 1,212.00
	Surcharge for late filing fee, Statement or Power of Attorney ($130.00)				+
	Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28).				-
			TOTAL FILING FEE =		$ 1,212.00
	Surcharge for filing non-English language application ($130.00; 37 CFR 1.52(d))				+
	Recordation of Assignment ($40.00; 37 CFR 1.21(h)(1))				+
			TOTAL FEES DUE =		$ 1,212.00

METHOD OF PAYMENT

[ ]   Check enclosed as payment.

[ ]   Charge "TOTAL FEES DUE" to the Deposit Account No., below.

[X]   No payment is enclosed and no charges to the Deposit Account are authorized at this time.

GENERAL AUTHORIZATION

[X]   If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:

Deposit Account No.   19-3935

Deposit Account Name   STAAS & HALSEY LLP

[X]   The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.

SUBMITTED BY: STAAS & HALSEY LLP

Typed Name	Michael D. Stein	Reg. No.	37,240
Signature		Date	3/23/01